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In the Claims:

1.(currently amended)      An overcap for an aerosol container comprising:  
a wall capable of being attached to the container, a button having an actuating means and a cavity in the bottom thereof adapted to sealingly receive the free end of an aerosol valve stem having a hollow bore which is in flow communication with an orifice in the top of the button for releasing a pressurized liquid to be atomized, said hollow bore having a first section which extends upwardly and tapers inwardly from the bottom towards a second section intermediate the first section and the orifice having a uniform cross-section which is less than the cross-section of the tapered first section, said orifice being coaxial with the central long axis of said cavity and hollow bore and, the cross-section of said orifice being perpendicular to the central long axis of said cavity and bore, and a hinge attaching the button to the wall, such that the configuration of the hinge causes the liquid escaping from the orifice to be dispensed along the central long axis of the hollow bore cavity as it is atomized into an aerosol spray pattern, and wherein ~~characterized in that~~ the wall provides the sole means for attaching the overcap to the container.

2.(original)      The overcap of claim 1 wherein the hinge is a torsion hinge.

3.(currently amended)      A set of dies for producing an overcap having an actuating mean and a cavity in the bottom thereof adapted to sealingly receive the free end of an aerosol valve stem having a hollow bore which is in flow communication with an orifice in the top of the button for releasing a pressurized liquid to be atomized, said hollow bore having a first section which extends upwardly and tapers inwardly from the bottom towards a second section intermediate the first section and the orifice having a uniform cross-section which is less than the cross-section of the tapered first section, said orifice being coaxial with the central long

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axis of said cavity and hollow bore and, the cross-section of said orifice being perpendicular to the central long axis of said cavity and bore and bore causes the liquid escaping from the orifice to be dispensed along the central long axis of the hollow bore cavity as it is atomized into an aerosol spray pattern and the central long axis of said aerosol spray pattern, wherein the wall provides the sole means for attaching the overcap to the container comprising, in combination,

A. a male die for forming at least the cavity portion of the button and having a first upper surface, coaxial with the central long axis of the cavity, for forming the portion of the cavity closest to said orifice and

B. at least one other die for forming the remainder of said button, including said orifice, wherein any one of such dies has a cylindrical extension which is coaxial with the central long axis of said cavity and having a flat surface for contact with the first surface of said male die to form said orifice when the dies are brought together coaxial with the central long axis of the first upper surface of the male die and the flat surface of said other die to form said button, said orifice being coaxial with respect to said central long axis of the die forming the cavity and, the cross-section of said orifice being perpendicular to the central long axis of said cavity and bore.

4.(currently amended) An overcap for an aerosol container consisting of:

a wall all capable of being attached to the container, a button having an actuating means and a cavity in the bottom thereof adapted to sealingly receive the free end of an aerosol valve stem having a hollow bore which is in flow communication with an orifice in the top of the button for releasing a pressurized liquid to be atomized, said hollow bore having a first section which extends upwardly and tapers inwardly from the bottom towards a second section intermediate the first section and the orifice having a uniform cross-section which

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is less than the cross-section of the tapered first section, said orifice being coaxial with the central long axis of said cavity and hollow bore and, the cross-section of said orifice is perpendicular to the central long axis of said cavity and bore, and a hinge attaching the button to the wall, such that the configuration of the hinge causes the liquid escaping from the orifice to be dispensed along the central long axis of the hollow bore cavity as it is atomized into an aerosol spray pattern, and wherein characterized in that the wall provides the sole means for attaching the overcap to the container.